

Maria Censabella obtained her Master Degree in Physics from the University of Catania in 2016. From November 2016 she has a Ph. D position in Materials Science and Nanotechnology at the Physics Department of the University of Catania. She work is based on use a nanosecond laser-assisted synthesis method for the production and processing of mono- and bi-metallic Pd and Pt NPs and the fabrication and characterization of metal NPs-graphene nanocomposites, for catalytic applications.

She has a remarkable expertise in several characterization techniques and methodology, such as Pulsed Laser Ablation, Scanning Electron Microscopy (SEM), optical measurements, X-Ray Diffraction (XRD), Rutherford Backscattering Spectroscopy (RBS), Atomic Force Microscopy (AFM), Energy Dispersive X-Ray Spectroscopy (EDX), Raman Spectroscopy.

She presented the results of her activity at the following national and international conferences: E-MRS Spring Meeting 2017 (Strasbourg), E-MRS Spring Meeting 2018 (Strasbourg) and NanoInnovation 2018 (Rome). She won the Young Scientist Award of the European Materials Research Society at the E-MRS Spring Meeting 2018 and she is author or co-author of articles, published in international referred scientific journals.